R. J. DOUGLAS & CO.,

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1896

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SUCCESSORS TO

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Catalogue

OF

SUCCESSORS TO

POWELL & DOUGLAS

MANUFACTURERS OF

Hunting Fishing AND Pleasure BOATS

WAUKEGAN, ILL.

Globe Lithographing & Printing Co. Chicago

POWELL & DOUGLAS'

CATALOGUE

AND

PRICE LIST

FOR

1886.

FACTORY AT WAUKEGAN, ILL.

POWELL & DOUGLAS,

MANUFACTURERS OF

Pleasure, Rowing and Sailing, Hunting, Trapping and Fishing

BOATS AND CANOES.

Of which we constantly keep a full assortment on hand, and build any special style or size to order on short notice.

Our boats are built of Cedar, Pine and Basswood, and for style, lightness, durability, and excellence of workmanship, we acknowledge no superiors.

We make "clinker-built" boats a specialty, but make flat-bottom and all other styles to order.

Our first quality Cedar Boats are copper fastened, finished in oil and shellac, and varnished.

Pine Boats are finished in two coats of paint and one of varnish. Basswood's are treated thoroughly inside and out, with hot Linseed Oil, then two coats of paint, and varnished.

Our Boats are constructed of the following material: Siding; cedar, pine, and basswood. White cedar is, we claim, the best material known for boats, as it is light, and soft; will not split easily, and will shrink less than any other wood. Of pine, it is scarcely necessary to say anything, as it is so generally known in this connection. Its liability to check and split is its weakest point.

Basswood is not generally considered a durable wood, and if exposed to the water without protection, it assuredly is not, but in the manner in which we treat it, we consider it nearly, if not quite, as durable as pine, and not nearly so liable to check and split.

Stems and keel are white oak, ribs of oak or red elm, Gunwales and Inwales of oak, ash, black walnut and cherry. Rudders oak, ash, walnut or cherry.

Hunting, Fishing, and Boating Clubs, and Boat Livery's,

Desiring a COMPLETE BOATING OUTFIT, can make money by communicating with us, as we DEFY COMPETITION IN PRICES, quality considered.

Proprietors and Manufacturers of the H. N. Staats' Patent Hand Propeller, with patent steering gear.

Send for estimates for all kinds of hunting, fishing, racing and pleasure boats. These prices take the place of all former quotations. Address

POWELL & DOUGLAS

May 1st. 188 WAUKEGAN, ILL.

TO THE PUBLIC.

In issuing our new catalogue, we desire to say that we are now better than ever prepared to build *any* and *everything* in the line of Row and Sailboats, Canoes. Sail and Steam Yachts, on the shortest notice.

We have spared neither trouble nor expense to secure the services of the best and most expert mechanics to be had, and with increased facilities for storing, we intend to keep constantly on hand a large variety of boats, so that parties desiring to to purchase can always find a good selection of sample boats to choose from. We shall aim to keep in stock, if possible, a supply of our regular sizes, as enumerated in catalogue, but in all cases it is better to send in order long enough before boat is needed to allow us to build it if not in stock.

There is rarely a time that we have not in our warehouses, and in process of construction, two hundred or more boats, and we think it will pay anyone desirous of purchasing, or at all interested in boats, to call and examine our goods, and it is always a pleasure to us to show them.

We do a large business in fitting out boat liveries, hotels, shooting, boating and pleasure clubs, and summer resorts generally, and can safely guarantee satisfaction in this and all other lines.

Experiment and study have familiarized us with the best material for boats, and we are thus enabled to construct them for lightness, durability and service, according as one or all of these elements may be required. We beg a careful examination and consideration of the accompanying styles and prices, and solicit your orders.

TERMS OF SALE.

Are strictly cash, and under no circumstances will we give time on boats. On all boats built to order 25 per cent. must be sent with order as a guarantee that goods will be taken. REMITTANCES can be made by Draft, P. O. Order, or by Express.

The prices on boats are without crating or burlaping. Unless otherwise ordered boats will be shipped wrapped in heavy express paper. If crated or burlaped, add one dollar and a half to list *net*. If burlap is returned to us—charges prepaid—a credit for same amount will be allowed.

Estimates promptly furnished on application, and all orders executed with care and dispatch.

The question is often asked, what are freight rates? We below give rates of freight to some of the most prominent places which will give you a good idea what your rate will be. The rate by express are generally four times the amount as per freight. The rates given is per hundred pounds.

New York,	$4.00	Providence, R. I.,	$4.40	Louisville, Ky.,	$1.26	St. Louis, Mo.,	$1.35
Boston,	4.40	Chattanooga, Ten.	5.76	Willmington, S. C.	7.56	St. Paul, Minn.,	2.25
Buffalo,	2.20	New Haven, Con.,	4.40	Fort Pierre, Dak.,	5.25	San Antonio, Tex.,	1.80
Albany,	3.60	Charleston, S. C.,	6.20	Detroit, Mich.,	.80	Omaha, Neb.,	2.70
Philadelphia, Pa.,	3.92	New Orleans, La.,	4.40	Jacksonville, Fla.,	6.60	Kansas City, Mo.,	2.70
		Denver, Col.,	7.80	Little Rock, Ark.,	3.35		

REFERENCES.

To those unacquainted with our firm, we would say that we have been actively engaged in manufacturing at this point for over 20 years, and refer to the First National Bank or to any business house here; to Bradstreet's, Dunn's or any other Commercial Agency in the country.

POWELL & DOUGLAS,

MANUFACTURERS OF

THE STAATS' PAT. HAND PROPELLER

WITH PATENT STEERING GEAR.

POSITIVELY THE ONLY SUCCESSFUL APPLIANCE OF THE KIND EVER INVENTED.

The length of the Standard Pleasure Boat is about 15 foot, with seating capacity for four persons. In using the propeller it is better that the boat be built with that in view, therefore we quote you the apparatus and boat complete. Our boats are clinker built, of very graceful model, light and bouyant, but very substantial withal, and including the motor are very little, if any higher in price then the same class of work by other manufacturers without the Motor.

Our Motor Boat is built as follows: Viz; Siding, White Cedar, Keel, Stem, Stern and Rudder, White Oak. Seats, White Pine or Butternut. Gunwales, Inwales and Fender, Black Walnut. Black Walnut Lazy Back in stern. Floor is Inlaid Pine and Walnut, and can be taken out in sections to clean the boat. Brass Nickel Plated Handraile on both bow and Stern, and Rudder is furnished with Yoke and Cords, passing along the stern seats so that the boat can be steered by the operator or the person in the stern, as preferred. This boat is copper fastened, and finished in Oil and Shellac. The Screw wheel is ten (10) inches in diameter, and it makes 9½ revolutions to one of the crank.

PRICE LIST.

Fifteen foot, 42 inch beam, with Motor and Steering Gear complete	$100 00
Canopy, extra	10 00
Cushions, front and back seat	8 00
Paddle	2 00
Motor and Steering Gear complete without the boat	35 00

POWELL & DOUGLAS,

MANUFACTURERS OF

THE STAATS' PAT. HAND PROPELLER

WITH PATENT STEERING GEAR.

POSITIVELY THE ONLY SUCCESSFUL APPLIANCE OF THE KIND EVER INVENTED.

No Collisions, No Blistering of Hands, and is Labor Saving.

IT IS MORE EASILY MANAGED BY AN INEXPERIENCED BOY OR GIRL THAN THE OLD STYLE OF ROW BOAT IS BY A STRONG AND EXPERT OARSMAN.

This apparatus is simply a practical application of a handscrew propellor for small boats, and promises to entirely revolutionize the present laborious method of rowing.

IT IS LIGHT AND NOISELESS, and occupies a space of but seven by fifteen inches in the center of the boat.

THE OPERATOR SITS FACING THE BOW OR STERN AS SUITS HIS PLEASURE OR CONVENIENCE, and the same motion required to make one stroke with a pair of oars gives nine revolutions of a four bucket screw propeller at stern of boat.

THE STEERING GEAR

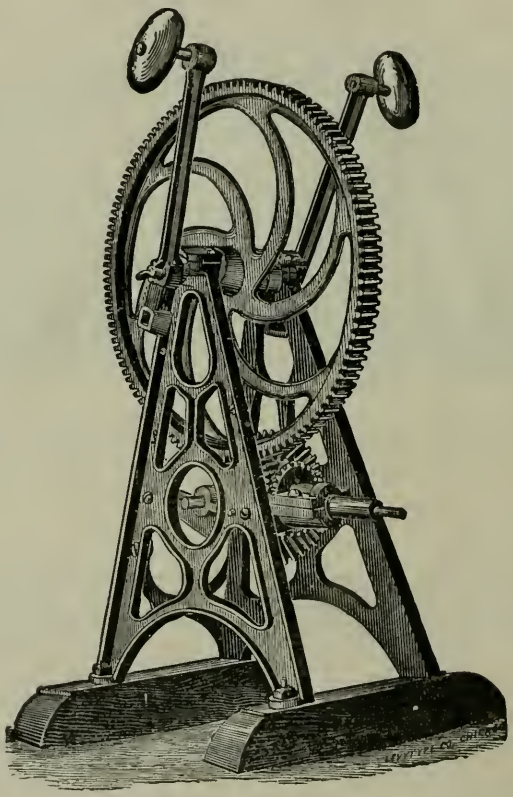
Is so arranged that the operator can steer the boat in any direction by a slight motion of the foot.

DOUBLE HANDLES are furnished with each machine, by which two persons can propel at the same time if desired. The handles being fastened to outer end of shaft by means of a thumbscrew, but a moment is required to make the change. Either set of handles can be shortened or lengthened, according to the length of the arm of the person operating them. Egg-shaped woods are attached to the ends of the handles which work on a pivot, thereby adjusting themselves to the hands, and preventing any chafing or blistering as is so common with the oar, especially with those unaccustomed to rowing.

POWELL & DOUGLAS,

MANUFACTURERS,

WAUKEGAN, - - ILLINOIS.



STAATS' HAND PROPELLING POWER

FOR BOAT DESCRIBED ELSEWHERE.

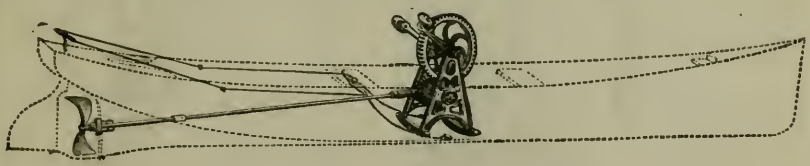
STAATS' BOAT MOTOR.

In using the "STAATS' BOAT MOTOR" no power can be lost, as is the case with the oar. The ***screw or propeller wheel is constantly in motion***, and thus greater and steadier speed, with less exertion, is attained. ***This advantage is important, especially when going against a strong wind or current.***

It can be operated by any one, requiring neither skill nor experience.

The operator sits facing the direction the boat is going, and a bee line can be taken to the point of destination, while in rowing much time is lost by the craft continually getting out of course, besides the annoyance of having constantly to turn the head to see where the boat is going. In parks and places where a large number of boats are speeding in every direction, this feature will be found a great relief and must commend itself to any one wanting a boat.

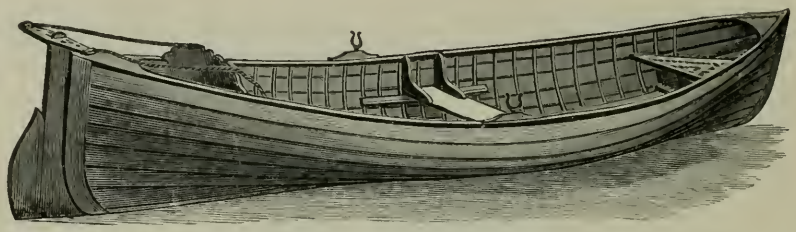
In Trolling you can propel the boat with one hand, leaving the other free to handle line or rod, its speed being regulated at will.



By reversing the single handles an overhand movement can be had, thereby giving relief to the muscles. The boat can be propelled backward as well as forward. ***Five miles an hour*** can be made with comparative ease.

In build our boats are graceful and substantial. The length of standard size pleasure boat is about fifteen feet, with seating capacity for four persons. In using the propeller it is better that the boat be built with that in view, therefore we quote the boat and apparatus complete. All parts to the hand propeller are made in duplicate and lettered, so that if by accident a piece should get broken it can be replaced at small cost.

DOUBLE ENDED BOATS.



For Square Stern Boats these dimensions, add $5.00.

LENGTH.	WIDTH.	DEPTH IN CENTER.	WEIGHT.	A	B	C
13 feet.	36 to 37 in.	11 to 12 inches.	55 to 65 lbs.	$60 00	$45 00	$35 00
14 "	36 to 37 in.	12 to 13 "	60 to 65 lbs.	65 00	50 00	38 00
15 "	38 in.	12 to 13 "	70 to 80 lbs.	75 00	55 00	40 00
16 "	40 in.	12 to 14 "	85 to 90 lbs.	85 00	65 00	45 00
18 "	42 to 47 in.	12 to 14 "	90 to 100 lbs.	105 00	80 00	55 00

CLASS A.—Oil and Shellac finish, Copper fastened, clear white Cedar, Walnut finish, Rudder, Tiller and Tiller Ropes, Nickel plated trimmings, Spoon Oars leather tipped and Varnished.

CLASS B.—Oil and Shellac finish, Copper fastened, Cedar, Oak finish, Galvanized Iron trimmings, straight Ash Oars.

CLASS C.—Basswood Siding, Painted, Oak Sterns, Keel, Ribs and Gunwale, fastened with Clout Nails, straight Ash Oars.

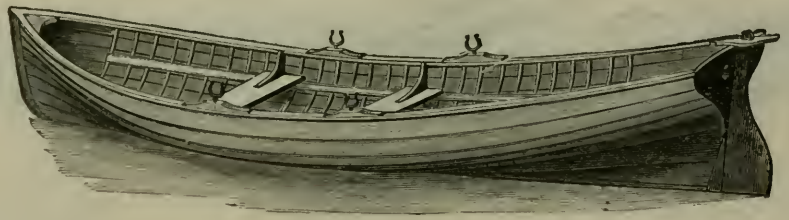
Thirteen and fourteen foot boats are furnished with seat in bow and stern; one rowing seat and one pair Oars and Oar Locks.

Fifteen foot boat, seat in bow and stern, two rowing seats with one pair Oars and Oar Locks.

Over fifteen foot are furnished with two pair Oars and Oar Locks

If crated or burlapped add $1. 50.

LAKESIDE ROW BOAT.



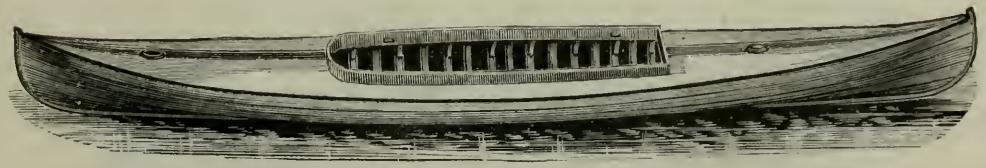
Lakeside Row Boat, 15 feet long, 38 to 40 inches beam, clinker built, painted and varnished, two pair of straight ash oars, with front and back seats, and two thwarts for rowers. Weight, 150 to 200 pounds. Sides, ⅜ thick oak ribs and gunwale.

Basswood siding, Oak finish	$45.00
Pine " " "	50.00
Cedar " " "	60.00

If rudders are desired, add $3.00 extra.

For boats larger or smaller than quoted, add or deduct same price per foot. If crated or burlapped, add $1.50.

PRICE FOR CEDAR CANOES.



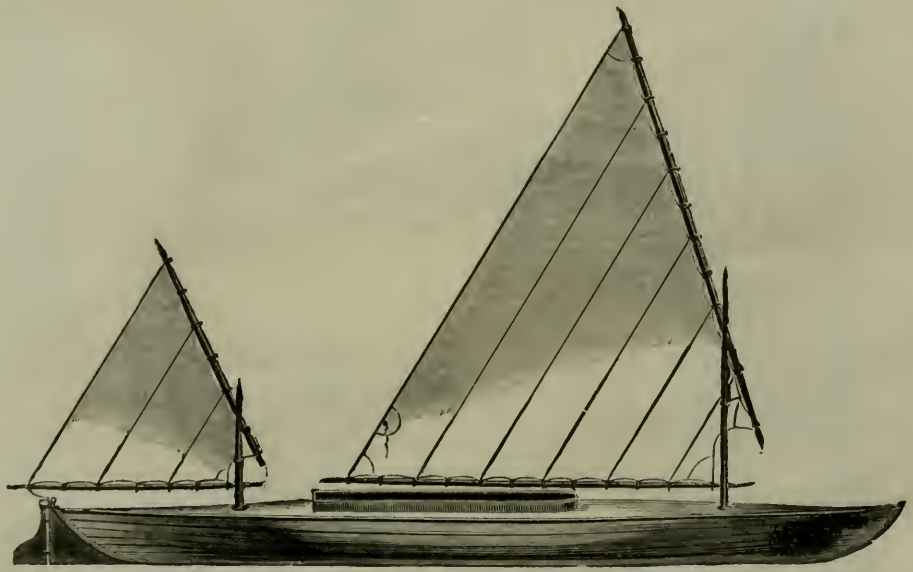
Length, 14 feet, beam 28 inches fitted for one person without sail and center board	$ 90 00
" 14 feet, with sail and folding center board	110 00
" 14 feet, beam, 28 inches, fitted for two persons without sail and center board	95 00
" 14 feet, " 28 inches, with sail and folding center board	115 00

These Canoes are built from approved models, of clear, white cedar, with oak ribs fastened withcopper burrs and decks and hatches of spanish cedar or mahogany. They have air tight metallic compartments in bow and stern, containing one and two cubic feet of space respectively. That in the bow is accessible and makes a perfectly dry, receptacle for storage. They have a floating capacity of 187½ pounds, with the boat filled with water. We furnish one paddle with each canoe.

Our Basswood Canoes have oak ribs and stems, but the strakes and decks are of one-quarter inch basswood and fastened with tinned clout nails, and they have no hatch or air tight compartments. We will fit these with metallic air tight compartments for $5.00 additional.

Price, length, 14 feet, beam, 30 inch, $35.00. We furnish one single paddle with each canoe.

We will be pleased to quote prices on any size not quoted above.

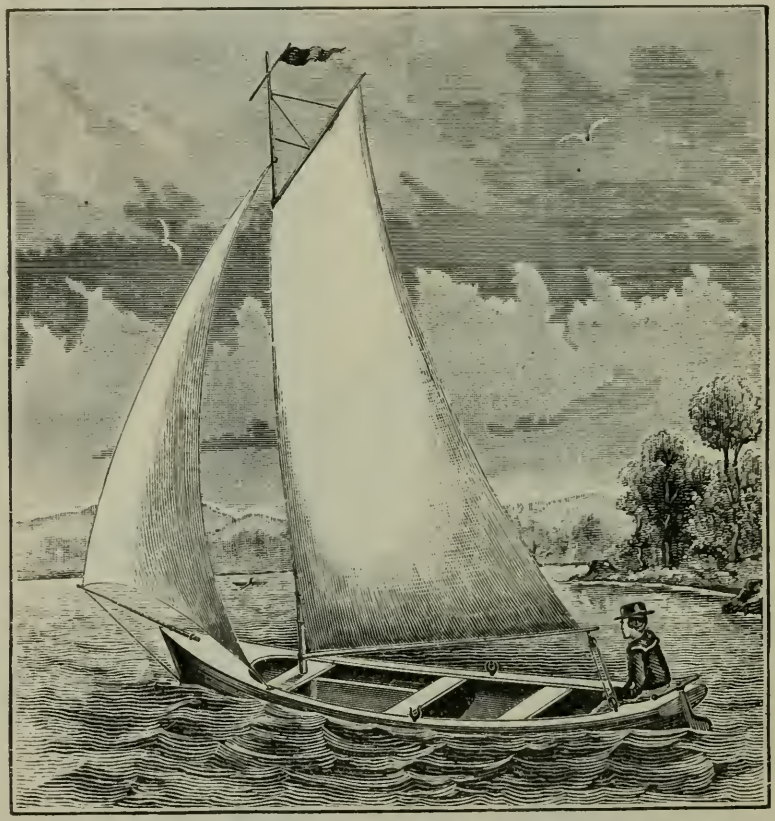


SAILING AND PADDLING CANOE—Lateen Rig.

We keep in stock and build to order Canoes of most any description. Our Canoes are built of White Cedar or Basswood, Oak or Elm Ribs and finished in first class style.

COMBINED SAIL AND ROW BOAT.

This is one of the most useful boats for camping parties we build; can be used for rowing and sailing, and one strong person can pull her out on the beach, (only weighing 140 pounds without sail and center board.) She is 17 feet long, 50 inch beam, clinker build (or carval if desired, but this will increase the weight 50 pounds.) The advantage in this boat over others is, her combination of yacht and row boat. If you are sailing and get becalmed you are not compelled to remain until the wind rises, but can ship your two pair of oars and be in your boathouse as soon as the lightest skiff. The rigging and sails are made to work as simple as possible. All the halyards and sheets leading aft to the helmsman, and any person with the slightest knowledge of sailing can handle her in a few days. She will carry six persons when sailing and 8 to 10 when rowing. She has ample stowage for camping equipage and provisions, having a space of three feet six inches under her forward deck, and room for lockers on each side of the stern sheets. We can change her style of rig to a cat boat, or can build her without the deck or running boards; making her an open boat showing gunwales if desired, but from experience we find the following cut the most useful and complete.



We build this boat in three classes which differ only in the material used for planking and the fastening. In all classes the frame will be of white oak, timbers will be ⅝ to ½ inch, 6 and ¾ inches to centers with two nails between. Planking will be ⅜ of an inch in thickness. The length of center board box will be 34 inches with an iron center board. The dimensions of sails will be as follows:

Mainsail 11 foot hoist, 13 foot boom, and 6 foot gaff. Staysail 13½ foot hoist and 9 foot 6 inch foot.

Class 1 will be planked with white cedar and copper fastened and finished in oil.
Class 2 will be planked with pine, finished with tinned clout nails and painted.
Class 3 will be planked with basswood, finished with tinned clout nails and painted.

PRICES.

No. 1 Complete, with sail and rudder	$125 00
No. 2 Complete, with sail and rudder	100 00
No. 3 Complete, with sail and rudder	90 00

HUNTING BOAT.

Clinker sides, 13 inches flat bottom, side ⅜ inches thick, stem and stern posts, oak; ribs, oak or elm, ½ round, ¾ inches wide, placed 5 inches apart, oak gunwale, tinned clout nails.

The above is a good serviceable Hunting Boat, and furnished low in price; it will meet the wants of the majority that want a good boat.

We make this style in Cedar, Pine and Basswood; with each boat there is included one pair of Ash Oars, and Malleable Iron Row Locks.

PRICE LIST SAME STYLE AS CUT.—PAINTED.

BASSWOOD.

LENGTH.	WIDTH.	DEPTH IN CENTER.	WEIGHT.	PRICE.
13 feet.	36 inches.	10 to 11 inches.	60 to 75 lbs.	$20.00
14 "	37 "	10 " 11 "	60 " 75 "	22.00
15 "	38 "	10 " 12 "	75 " 90 "	25.00

PINE.

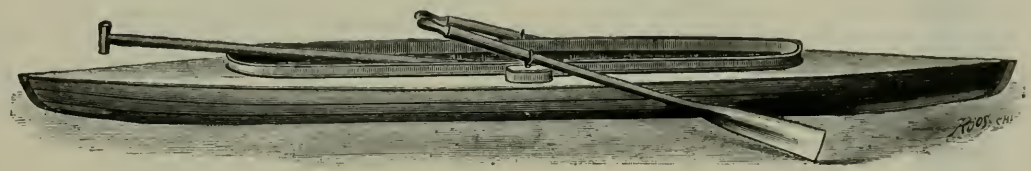
LENGTH.	WIDTH.	DEPTH IN CENTER.	WEIGHT.	PRICE
13 feet.	36 inches.	10 to 11 inches.	60 to 75 lbs.	$25.00
14 "	37 "	10 " 11 "	60 " 75 "	27.00
15 "	38 "	10 " 12 "	70 " 90 "	30.00

CEDAR.

LENGTH.	WIDTH.	DEPTH IN CENTER.	WEIGHT.	PRICE.
13 feet.	36 inches.	10 to 11 inches.	50 to 65 lbs.	$35.00
14 "	37 "	10 " 11 "	55 " 70 "	38.00
15 "	38 "	10 " 12 "	60 " 75 "	40.00

If crated or burlapped, add $1.50.

THE BOSS HUNTING BOAT.



After experimenting with almost every conceivable style of Hunting Boat, and consulting a great many of our most experienced Duck Hunters, we have adopted the above as the most practical and convenient style for marsh shooting.

It has a flat bottom, clinker sides (three straks on a side). Is decked 30 inches fore and aft, and 4 inches on the side. The bottom is perfectly straight, except that about 18 inches from each end it is sprung up two inches; thus allowing it to pass easily over obstructions, and draw scarcely any water. It has no sheer; lying low on the water, and in consequence can be very readily concealed in the lightest of cover.

The stems and the ribs are of white oak; the combing is of white oak and extends two inches above the deck. The deck is strong and substantial; readily bearing the weight of a person, and is covered with canvas. These boats are painted two coats of a dead grass color and varnished.

Unless ordered with oars, these boats will be furnished with a poleing paddle only. If oars and oar locks are desired in addition to paddle, add $2.00 to the price quoted.

We make the bottoms of both kinds of white pine, the only difference being in the sides and decks.

PRICE LIST.

Length, 13 feet.	Width, 36 inches.	Depth, 9 inches.	Weight, 60 to 75 pounds.	Basswood, $20 00.	Cedar, $30 00.
" 14 "	" 36 "	" 9 "	" 60 to 75 "	" 22 00.	" 32 00.
" 15 "	" 37 "	" 10 "	" 75 to 90 "	" 25 00.	" 35 00.

GRASS LAKE MONITOR.

This Boat is better adapted for use on open water, than the "Boss" Hunting Boat, as it has more shear and will stand a good sea.

It has a 5 foot cockpit, 14 in. flat bottom; clinker sides, 4 strakes on a side; has a strong substantial deck, (capable of bearing the weight of a man) built of same material as the boat, and covered with canvas. Is painted two coats and varnished. It is stepped for a mast and can be used with a sail if desired. The price includes one pair of Ash Oars, and pair of Malleable Iron Row Locks.

PRICES.

13 feet, 36 in. beam, pine	$30 00
13 feet, 36 in. beam, cedar	45 00
Mast, sail and paddle, extra	6 00

If crated or burlapped, add $1.50.

PRICE LIST OF EXTRAS.

SPOON OARS.

Length	7 ft.	8 ft.	9 ft.	10 ft.
Per Pair	$4 00	4 50	5 00	5 50

Leathered, extra 75 cents.

COPPER TIPPED ASH OARS.

Length	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.
Price	$1 50	1 70	2 00	2 20	2 50

PLAIN ASH OARS.

Length	6 ft.	7 ft.	8 ft.	9 ft.	10 ft.
Price	$1 20	1 40	1 60	1 80	2 00

PADDLES.

Spruce, single Blade	$2 50
Spruce, double blade	3 50
Spruce, double blade, jointed with brass ferule	4 00
Pine, single blade	2 00
Pine, double blade	3 00
Pine, double blade, jointed with brass ferule	3 50
Ash or Spruce Push Poles, 10 feet	1 50
Ash or Spruce Push Paddles, 10 feet	2 00

OAR LOCKS WITH SOCKETS.

	INCH.	PER PAIR.
Malleable Iron, Tinned	1½	$ 50
Malleable Iron, Tinned	2	65
Malleable Iron, Japaned	2	40
Brass	2	2 00
Brass, nickel plated	2	3 75
Brass Outriggers, for Canoes		6 00
Brass Outriggers, Nickel Plated		7 50
Galvanized Iron Outriggers		4 00

If by mail add 40 cents for postage.

ANCHOR WEIGHTS.

These are much more convenient for fastening a small boat than an anchor, as they take up very little room in the boat and do not draw up weeds like an anchor.

They are circular in shape and flat, and line is attached on top.

Price 10 pound weight 50 cents.

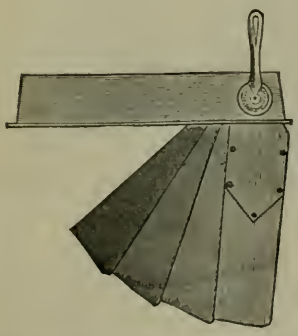
SCREW WHEELS.

We have a small line of Screw Propeller Wheels. These wheels are all bored the same size, viz; one half inch in diameter.

PRICE LIST.

For wheel	13½	inch	diameter,	3	blades	$2 75
" "	9	"	"	3	"	2 25
" "	8	"	"	3	"	2 25
" "	10	"	"	4	"	2 50
" "	11	"	"	4	"	2 75

Patent Folding Centerboards.



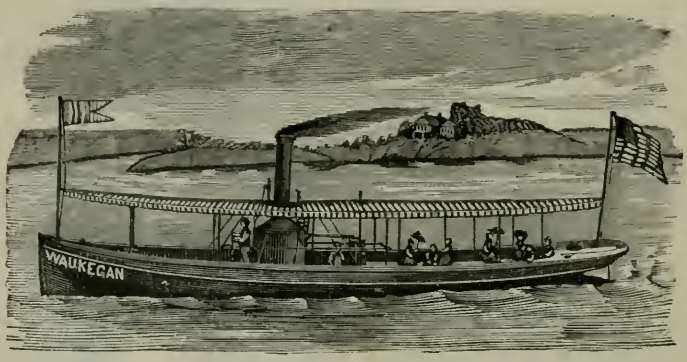
These Centerboards are just the thing for canoes and small boats, as they only take up four inches in height in the boat, and fold away when desired leaving the keel free.

PRICE LIST.

Galvanized Iron box and spring steel blades, 4x20 inch box $6 00

Galvanized Iron box and spring steel blades, 4x22 inch box 6 50

Galvanized Iron box and spring steel blades, 4x24 inch box 7 00



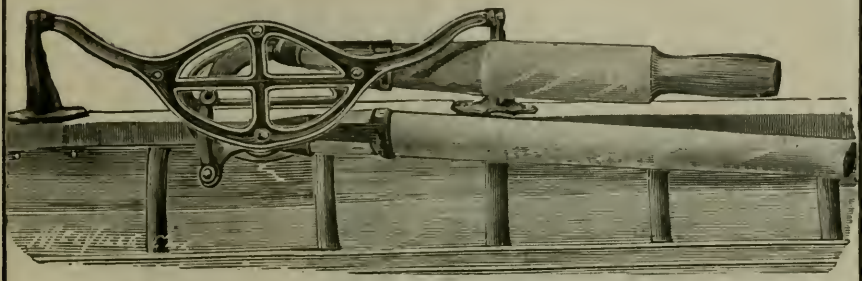
In answer to the many enquiries that we are constantly receiving for information regarding Steam Launches, we would say, that the wishes of purchasers and purposes for which intended, are so varied that it is impossible to make a list to suit all, so we will simply give the cost of one—the size most in demand, which will give the reader an approximate idea of the cost of other sizes. Boat 27 foot, Keel, 30 feet over all; 6½ foot beam and 3 foot deep. Stem, Keel, Deadwood and Stern post, White Oak. Garboard, plankshеer, sheerstrake clamps, fender and frame also of White Oak. Planking of soft white Pine, long lengths decking White Pine. Cockpit nicely sealed up and floored. Seats extending around forward and after Cockpits. Coal bunkers on each side abreast of boiler. Everything finished up in good style and the whole painted two coats.

Price. including rudder and tiller, $300.00. Additional cost for a light wood or omnibus deck on turned stanchions will be $75.00.

We can furnish Engine and Boiler and fit the boat up complete if desired. In which case add about $400.00 to above prices. We figure on an Engine of 5 to 6 Horse Power.

We will be glad to make figures on this class of work, and know that we can turn out work that will be eminently satisfactory.

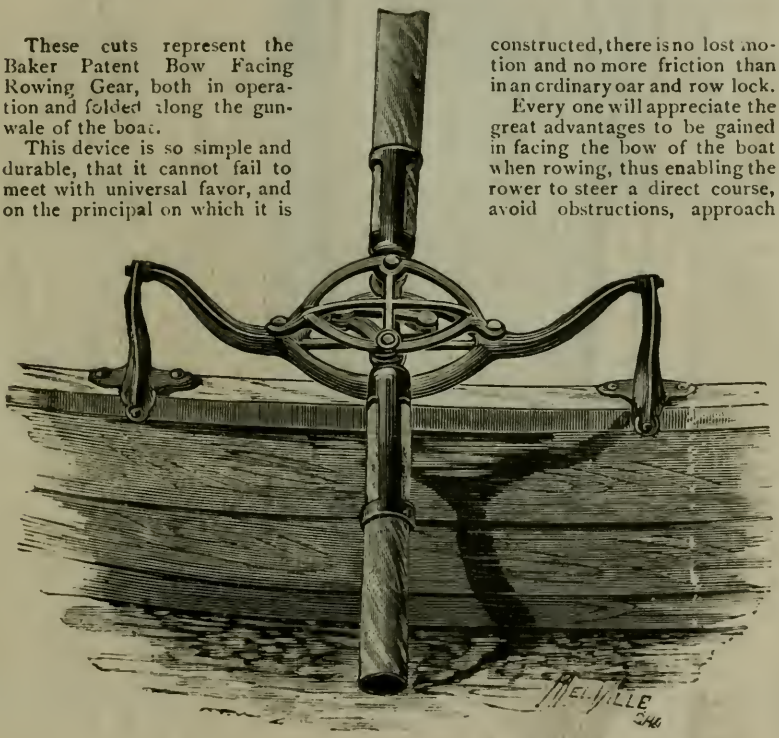
BAKER BOW FACING ROWING GEAR.



These cuts represent the Baker Patent Bow Facing Rowing Gear, both in operation and folded along the gunwale of the boat.

This device is so simple and durable, that it cannot fail to meet with universal favor, and on the principal on which it is constructed, there is no lost motion and no more friction than in an ordinary oar and row lock.

Every one will appreciate the great advantages to be gained in facing the bow of the boat when rowing, thus enabling the rower to steer a direct course, avoid obstructions, approach



game noiselessly, etc , if it can be done without a complicated rigging, without loss of power, and at a reasonable expense. All of this is we think attained in the Baker Bow Facing Gear, and we know they will fill a long desired want and be duly appreciated wherever introduced. The gear can be attached to almost any boat.

Price. Rowing Gear complete, with ash oars, 6½ to 8 feet straight blades, $6.00.

LYMAN'S PATENT BOW FACING ROWING GEAR.

Lyman's Patent Bow Facing Rowing Gear is an invention whi.h allows the rower to face forward instead of backword, pulling the same as with ordinary oars.

This reverse movement is obtained by having the oar in two parts--each having a ball and Socket joint.

This Gear can be attached to almost any Boat, and is especially adabted for hunting, fishing and pleasure boating.

PRICES.—Rowing Gear Irons, complete, with best Ash or Spruce Oars, Straight Blades, $10.00. These prices are for Oars 6½ to 8 feet.

TESTIMONIALS

SOUTH EVANSTON, Ill., March 1, 1883.

Messrs. POWELL & DOUGLAS:

Gents:—The Boat I bought of you last season has given me entire satisfaction. It is a very fine boat for the amount of money paid.

Yours respectfully, W. D. BASSETT.

ST. IGNACE, Mich., March 1, 1884.

Messrs POWELL & DOUGLAS:

Gents:—The boat purchased of you was *just the one*, and it suited to a "T." We were highly pleased with it, and so was everybody who used it.

Yours respectfully, MALLETT & WALKER.

OKOBOJI, Iowa, March 3, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—We had four of your boats last season, and they gave the best of satisfaction. We have thirty boats for hire, and yours rented the best of them all. They stand the rough weather the best and row the easiest.

Yours respectfully, MILLS BROTHERS.

MONTPELIER, Vt., February 28, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—I am well pleased with the boat purchased of you. It draws but little water, is well built, nicely finished, and is very easily handled.

Yours respectfully, HIRAM ATKINS.

EDGERTON, Wis., February 29, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—The boat I had of you last season gave excellent satisfaction. It sets beautifully in the water, and runs much easier than any similar craft I ever owned. In fact the boat is the envy of all who frequent our lakes.

Yours respectfully, F. W. COON.

LAKE LINDEN, Mich., March 1, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—The boat we purchased from you gave general satisfaction, and it is all that you recommended it to us. I am well satisfied with it.

Yours respectfully WILLIAM HARRIS.

JACKSONVILLE, Fla., March 8, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—The boat I purchased of you last season I am well pleased with. It is perfect in every respect. Yours respectfully,

JOHN E. CLARK.

LUDINGTON, Mich., Sept. 30, 1883.

Messrs. POWELL & DOUGLAS:

Gents:—The boat I purchased of you this season has given perfect satisfaction, and it has been admired by all who have seen it.

Yours respectfully, FRED C. CLAYTON.

CHICAGO, ILL., March 4, 1884.

Messrs. POWELL & DOUGLAS.

Gentlemen:—We are well pleased with the boat purchased of you. It was all that we could wish in regard to strength, ease and comfort in rowing, etc. We put it to considerable hard usage; as, in transporting it about the country from lake to lake, we placed it upon the seats of another hunting boat, which set on a farm wagon, and five men took passage in it. The boat stood this test without springing a leak. In short, I consider her a daisy. Yours Respectfully,

I. A. FREEMAN.

1825 N. 10TH ST., ST. LOUIS, MO., Feb. 10, 1884.

Messrs. POWELL & DOUGLAS:

Gentlemen:—The boat I purchased of you last fall gave perfect satisfaction, and I hope to have much pleasure with it on the Mississippi the coming season.

Yours Respectfully, DeMOTT STEVENS, M. D.

CANANDAIGUA, N. Y. Feb. 25, 1884.

MESSRS. POWELL & DOUGLAS:

Dear Sirs:—The Boat came through in excellent order after its long freight car ride, and I am free to say that I am happily disappointed; it being a much better boat than I had any idea of for the money. It is a much finer boat then your cut in catalogue represents. (He had one of our regular hunting boats.) I shall use it for a fishing and trolling boat, for which it appears admirably adapted.

Yours Respectfully, GEO. D. A. BRIDGMAN.

Editor and Proprietor of the Ontario County Journal.

FORT PIERRE, DAK., Feb. 23, 1884.

MESSRS. POWELL & DOUGLAS:

Gents:—The boat I purchased of you, I am happy to say, that after a years trial has proven perfectly satisfactory in every respect; being just as good to-day as when first put in the water, never having checked or give in any perceptible way, and for easy rowing, neatness and durability, I consider it unequaled by any boat of the kind in the market. Yours Respectfully, WM. R. ERVIN.

UTICA, N. Y., March 1, 1884.

MESSRS. POWELL & DOUGLAS:

Dear Sirs:—I bought two of your boats last season, and I find them to be as fine boats as can be found for the same price in the country. I have a boat livery in Utica on the Mohawk River, and my customers are well pleased with your boats.

Yours Respectfully, JOHN F. LEWIS.

WHITE CLOUD, NEWAYGO CO., MICH., Feb. 22, 1884.

MESSRS. POWELL & DOUGLAS:

Gentlemen:—The boat we bought of you last fall worked splendidly, and gave entire satisfaction. Yours Respectfully,

TEACHOUT & ROEDEL.

PLATTSBURGH, N. Y., Feb. 29, 1884.

MESSRS. POWELL & DOUGLAS:

Gents:—The boat I purchased of you last season gave perfect satisfaction, and for model, steadiness and good workmanship, cannot be excelled. I expect to order more boats this season. Yours Respectfully,

GEO. H. WEBB.

PERU, IND., Feb 21, 1884.

Messrs. POWELL & DOUGLAS:

Dear Sirs:— We are well satisfied with the boat which we received from you. It is the best boat for the money we have ever had.

Yours Respectfully, JOHNSON & REAM.

INDIANAPOLIS, Ind., February 20, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—The 16 foot Pine Hunting Boat I purchased of you last year, is all tha could be desired. It is light, graceful, and easily propelled; either empty or loaded. I have used it under all conditions calculated to test its capacity and durability, and it has stood the ordeal to my entire satisfaction.

Yours respectfully, FRANK W. PATTEN.

GRAND RAPIDS, Mich., Feb. 20, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—The boat which you built for me has given much satisfaction, and it has been pronounced by all who have seen it, as the most elegant and practical row boat ever brought to this city. Of the hundreds who have viewed my boat, I can truly say, that not one of them has found a single fault, and I am the proud possessor of the finest boat in Grand Rapids, for which receive my thanks.

Yours respectfully, D. H. DUBOIS,
Business Manager of "The Times."

TERRE HAUTE, Ind., Feb. 19, 1884.

Messrs. POWELL & DOUGLAS:

Gents.—I am well pleased with your style and make of boats, and I shall buy one suitable for my purpose when I can visit your manufactory to make selection. Considering strength, lightness, finish and low prices, your boats are a wonder.

Yours respectfully, S. R. BAKER.

SANDWICH, Ill., Feb 20, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—I am well pleased with the 15 foot Lakeside Row Boat that I purchased of you. Out of the 15 boats on our little lake, this one takes the "cake." I can recommend it to be the easiest rowing boat of its size that I ever rode in. I also recommend it to anyone wishing this style of boat.

Yours respectfully, J. M. HUMMEL.

NEBRASKA CITY, Neb., Feb. 19, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—We purchased three of your boats last season for the "Ootoe Club." The members used them for duck shooting on their lake, and were all well pleased with them; they being light and strong, and handled nicely with either oars or paddle.

Yours respectfully, E. S. HAWLEY & CO.

MILWAUKEE, Wis., Feb. 20, 1884.

Messrs. POWELL & DOUGLAS: 138 Grand Ave.

Gents:—The boat you sent me last season has done good service, and given better satisfaction than any boat I have ever used before. I can cheerfully say that it possesses all the advantages claimed for it. Yours respectfully,

R. N. HAWLEY, M. D.

LASALLE, Ill., Feb. 18, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—The Pine Boats that I bought of you last season has given entire satisfaction to all the parties to whom I have sold them, and I think for lightness, durability, strength and easy draft in the water, that they cannot be surpassed.

Yours respectfully, JOHN H. MILLER.

PELICAN LAKE, Wis., Feb. 18, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—The three boats that I bought of you last season have given good satisfaction; they being safe, durable and easy running. They are indeed good hunting, fishing and pleasure boats. The Lakeside Boat I would recommend to anyone who wishes a good safe family boat. Yours respectfully,

A. F. SCHOEPKE.

ONALASKA, Wis., Feb. 16.

Messrs. POWELL & DOUGLAS:

Gents:—The boat I purchased of you has proved first-class in every respect. I have never rode in an easier or steadier rowing boat. It is perfectly tight, and everyone that sees it, admires it. Yours respectfully,

CHAS. G. HALL.

CEDAR FALLS, Iowa, Feb. 16, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—The boat I purchased of you last season is light, and strongly made. It floats and rides on the water well, and it will carry more for the size and weight than any boat of like size I have ever seen.

Yours respectfully, L. O. HOWLAND.

SPRINGFIELD, Ohio, Nov. 24, 1883.

Messrs. POWELL & DOUGLAS:

Gents.—The "Boss" Hunting Boat is a darling. She carries myself (160 lbs.), partner (140 lbs.), decoys, guns, etc., weight nearly, if not quite, 500 pounds, across Beaver lake, the wind blowing a gale, not only in safety, but she shipped but very little water. I expected that she would fill and go to the bottom. You can safely recommend the "Boss" to all wanting a first class hunting boat.

Yours respectfully, DR. H. H. SEYS.

JACKSONVILLE, Fla. Jan. 28, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—I am well satisfied with the boat purchased of you. I have a friend that will order one soon. Yours respectfully, J. B. BOURS.

DANVILLE, Ill., Jan. 16, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—We think that we shall want at least as many more boats as we had last season. Your boats gave us the best of satisfaction, in fact, I don't think that we could use any other, at least none that I have seen.

Yours respectfully, FRANK BUHL.

MILWAUKEE, Wis., Feb. 9, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—I used the Motor last season with satisfaction. It is all that you recommend it to be. Yours respectfully, A. C. BIRD,

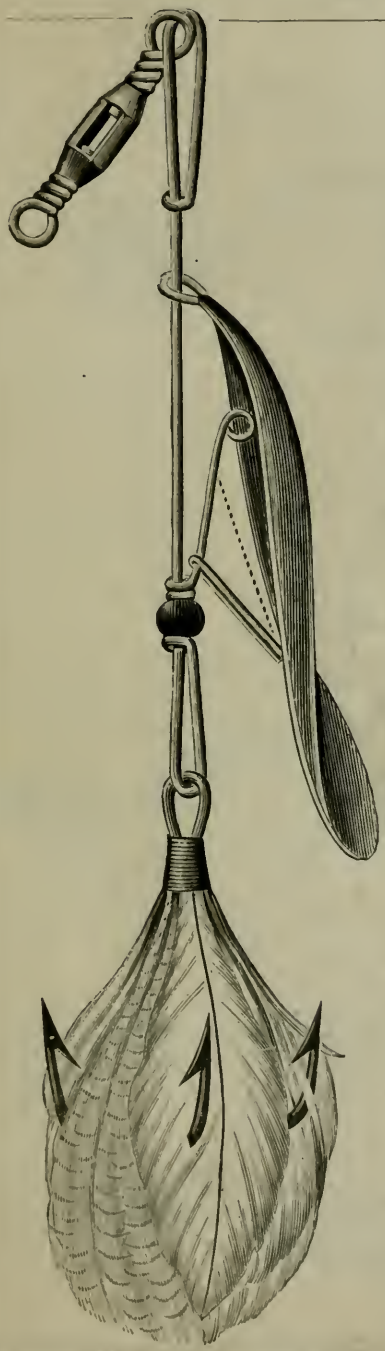
Gen. Freight Agent, C. M. & St. P. R. R.

TAMA CITY, Iowa, Feb. 16, 1884.

Messrs. POWELL & DOUGLAS:

Gents:—The boat I bought of you last season gives perfect satisfaction. It is just the thing for hunting. Yours respectfully

H. F. CARMICHAEL.



FISHING TACKLE.

Having so great a demand for fishing tackle in connection with our boats, we have decided to handle a line of such goods as are absolutely necessary to make a complete outfit, and to facilitate matters, we have listed them in sets or outfits, each one complete in itself. We have taken especial pains to secure first-class goods and everything contained in our list is of good quality; strong, durable, and practical; not got to sell alone, but to use.

The name of the manufacturer of these goods is itself a sufficient guarantee of their reliability.

OFFER No. 1, PRICE $3.00.

1 Brass Multiplying 25 yard reel, with positive stop.
1 Braided Line that will not twist.
2 Fine Trolling Spoons for Bass Pickerel and Pike.
25 Steel Fish Hooks, assorted, 6 sinkers, 2 fancy colored floats.
By mail, postage included.

OFFER No. 2, PRICE $5.00.

½ Dozen Fine Bass Flies.
½ Dozen Fine Trout Flies.
1 Brass Multiplying Reel.
1 Linen Line.
3 Trolling Spoons for Muscallonge, Bass, Pike and Pickerel.
½ Dozen Hand Snelled Bass Hooks on Silkworm Gut.
½ Dozen Hand Snelled Perch Hooks on Silkworm Gut.
1 Fancy Float.
The above are all first class goods, by mail postage included.

FISHING TACKLE.

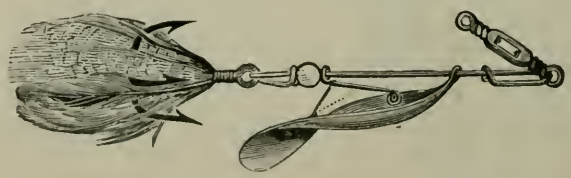
OFFER No. 3, PRICE $15.00.

1 Tackle Box, with suitable trays, tin Japanned.
1 60 Yard Reel, multiplying quick action.
1 Heavy Trolling Line.
1 Light Reel Line.
½ Dozen Bass Flies.
½ Dozen Trout Flies.
¼ Dozen Fine Assorted Sizes Trolling Baits suitable for any fish.
½ Dozen Hand Snelled Bass Hooks.
1 only, Caledonian Minnow.
½ Dozen Assorted Floats.
½ Dozen Assorted Sinkers.
½ Dozen Hand Snelled Perch Hooks.
1 Pair of Cutting Plyers.
1 Fish Hook File.
1 Pair of Plyers for skinning Fish. (Just the thing for Bull Head and Cat Fish skinning.)
1 Book for Bass and Trout Flies.
The above are all first class goods, by express.

OFFER No. 4, PRICE $25.00.

1 Tin Tackle Box, with suitable trays and partitions, lock and key.
1 Rod, stained ash, fine finish, double ferrules, hollow butt, extra lancewood tip, full mounted, nickel plated, general rod.
1 Fine Multiplying Reel, 60 yards, ball handle, sliding click and drag, nickel plated.
1 Hand Braided Linen Line.
1 Water Proof Braided Silk Fly Line.
1 Dozen Assorted Bass Flies.
1 Dozen Assorted Trout Flies.
1 Book for Bass and Trout Flies, and Snelled Hooks.
½ Dozen Best Trolling Baits for Bass, Pike, Pickerel and Muscallonge.
1 Caledonian Minnow, best quality.
1 Dozen Bass Hooks, snelled.
1 Dozen Perch Hooks, best quality.
12 yards double gut leader.
12 yards single gut leader.
½ Dozen Assorted Swivels.
½ Dozen Assorted Sinkers.
3 Good Floats.
1 Pair Cutting Plyers, (for Catfish, Bull Heads, and all Fish that require skinning;) an article that every angler should have.

This outfit is the most complete combination offered by any maker in the States or Canada. It is good enough for a King. We offer no rods but what we would use ourselves.

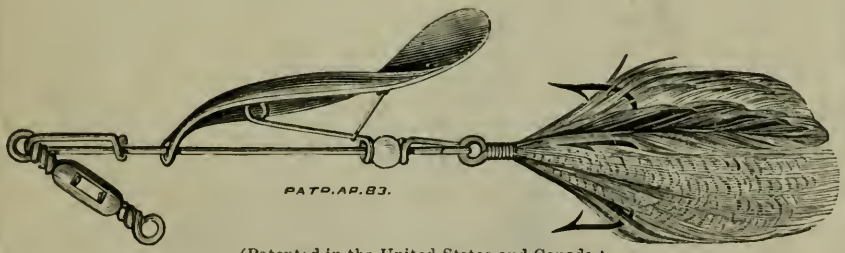


FISHING TACKLE.

The following Trolling Baits for Muscallonge, Bass, Pike or Pickerel, is one of the most killing baits every used.

Star	No.	1-0	½	Gold,	½	Nickel, $1.00, Muscallonge.
"	"	1	½	"	½	" .60, Bass or Pickerel.
"	"	2	½	"	½	" .60, Bass or Pike.
"	"	3	½	"	½	" .50, Bass or Pike.
"	"	4	½	"	½	" .40, Small Bass.
"	"	5	½	"	½	" .50, Heavy Trout.

Liberal discount to the trade.



(Patented in the United States and Canada.)

THE ECLIPSE BAIT.

The arrangement as to spring and retaining locks are perfect, and will not break or bend should a fish, by chance, strike above the hook and get the spoon in its mouth, which is often the case with a large fish; light, strong and durable, mounted on best treble hooks.

No. 1-0, for Muscallonge,	Nickeled,	$1.00	No 5, Heavy Trout,	Nickeled,	$0.50
No. 1, for Bass and Pickerel,	"	.75	No. 2,	Gold,	1.00
No. 2, for Pike,	"	.75	No. 3,	"	.85
No. 3, for Light Fishing,	"	.60	No. 4,	"	.75
No. 4, for Light Fishing,	"	.50	No. 5,	"	.75

Liberal discount to the trade.

TENTS.

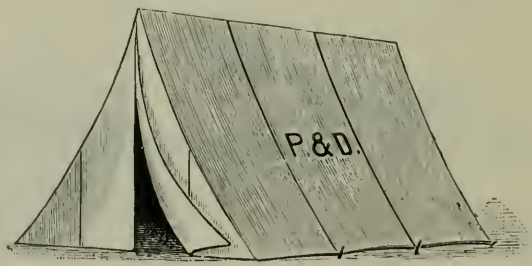
PALMETTO TENT.

PALMETTO TENT.

This Tent is particularly adapted to the lawn, requiring but one pole, and with a trifling additional cost can be made so that the sides will form a canopy as in the above cut. In ordering, state particularly whether with or without canopy. Canopy fixtures, $1.50 extra.

SIZE.	Height of Pole.	Height of Wall.	Price.	Size.	Height of Pole.	Height of Wall.	Price.
7½x7½ feet	8½ feet.	6 feet.	$ 9 00	9x 9 feet.	9 feet.	6½ feet.	$13 40.
8½x8½ feet	9 feet.	6½ feet.	12 00	10x10 feet	10 feet.	7 feet.	16 00.

Above prices are for Tents complete—poles, stakes, etc.

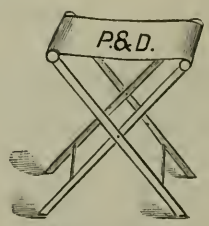


A, Or WEDGE TENT.

PRICE LIST OF A, OR WEDGE TENTS.

Length and Breadth.	Height of Tent.	PRICES.			
		8 oz.	10 oz.	12 oz.	Pol. ex. per set.
7x 7 feet	7 feet.	$ 6 75	$ 7 65	$ 8 55	$0 75
7x 9 "	7 "	8 10	9 18	10 26	85
8x10 "	8 "	10 40	11 80	13 20	90
8x12 "	8 "	11 60	13 25	14 95	1 05
9x 9 "	9 "	11 35	12 85	14 40	1 08
9x12 "	9 "	13 35	15 45	16 90	1 20
10x10 "	9 "	12 70	14 40	16 05	1 12
10x12 "	8 "	12 35	14 00	15 55	1 12
12x12 "	10 "	16 50	18 75	20 85	1 28
12x14 "	8 "	15 30	------	------	------

Above prices include all fixtures complete, excepting poles.



CAMP CHAIR.

This cut represents our folding Camp Chair. It is very strong and durable, and folds into a very small compass so as to be carried about with little trouble. Price, each 50c.

TENTS.

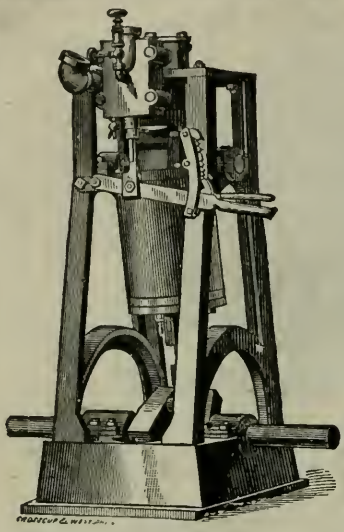
WALL TENT WITHOUT FLY.

PRICE LIST OF WALL TENTS.

LENGTH AND BREADTH.	HEIGHT OF POLE. FEET.	HEIGHT OF WALL FEET.	PRICE. 8 OZ. DUCK.	PRICE. 10 OZ. DUCK.	FLY EXTRA. 8 OZ. DUCK.	FLY EXTRA. 10 OZ. DUCK.	POLES AND PINS EXTRA.
7x 7 feet.	7	3	$ 9 50	$10 75	$ 4 00	$ 4 75	$1 00
7x 9 "	7	3	11 50	13 00	5 50	6 50	1 50
9x 9 "	8	3	14 50	16 25	7 00	8 00	1 50
9x12 "	8	3	16 50	19 00	8 50	10 00	2 00
9x14 "	8	3	18 00	21 00	10 50	12 00	2 00
12x12 "	9	3	20 50	23 00	11 00	12 50	2 00
12x14 "	9	3	23 00	26 00	12 50	14 00	2 50
12x16½ "	9	3	25 50	29 00	15 00	16 50	3 00
12x19 "	9	3	29 00	33 00	17 00	18 50	3 50
14x14 "	10	4	28 00	32 00	14 00	16 00	3 00
14x16½ "	10	4	31 00	35 00	15 50	17 00	3 50
14x20 "	10	4	36 00	41 00	18 00	20 00	4 00

WALL TENT WITH FLY.

THE KRIEBEL YACHT ENGINES.



The **simplest**, most **durable** and most **easily managed** engines for Launches and small boats.

Having about **one-third less machinery**, They take up **less room, weigh less**, and require **less attention** than other first-class engines.

No eccentric, no valve rod, no connecting rod, and no link motion for reversing.

One lever controls the whole working of the engine, **starting, stopping** and **reversing more quickly** than by use of the link.

We make five sizes, from 2 to 9 horse power.

SEND FOR DESCRIPTIVE CIRCULAR AND PRICE LIST.

RICE, WHITACRE & CO.,

Cor. Canal & Washington Sts.,

Mention this book. CHICAGO, ILL.

THE "IMPROVED BOSS" SICKLE GRINDER.

FIRST PREMIUMS

—AT BOTH—

STATE AND COUNTY FAIRS,

FAST AND WEST,

And have in every instance taken First Premiums, where we have exhibited, in competition with other

SICKLE GRINDERS.

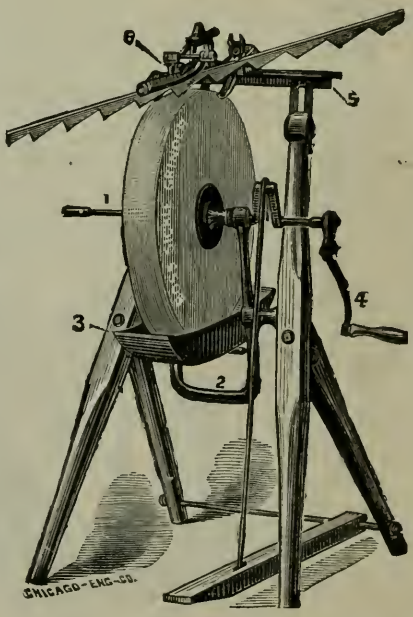
The most useful device for farmers ever invented. Thousands of them were sold last season and have given entire satisfaction, far exceeding our most sanguine expectations; and this season we have made still further improvements, making it perfect in every respect.

Every farmer who has ever owned or used a harvester, mower or reaper will quickly understand the value of a good and convenient appliance for grinding sickles.

The above illustration shows our "Improved Boss Sickle Grinder," with Sickle in position for grinding. The holder attachment is simple, and will hold the Sickle bar so as to grind to the required bevel. The stone used is an ordinary grind stone, and can be used for all other purposes required (the same as a common grindstone), and requires only one man to run it.

It sells readily wherever shown, and agents are making more from these than any farm implement in the market.

RETAIL PRICE, $8.00. Send for circulars and full particulars.



IF YOU PROPOSE BUYING A WINDMILL,

GET FULL INFORMATION OF

THE CHAMPION

VANELESS, SELF REGULATING

WINDMILL.

If you want agency for the best Windmill, investigate the merits of THE CHAMPION. Every mill warranted, and always gives satisfaction.

Twenty years' experience in the manufacture of pumps and windmills. A 10-feet Mill will pump from 50 to 300 barrels of water every twenty-four hours. It will handle a pump in a well 150 feet deep.

ALSO, MANUFACTURERS OF THE

STAR WOOD PUMPS, DOOR AND WINDOW SCREENS,

BOSS SICKLE GRINDERS, ETC.

To Dealers we can offer superior inducement to handle our goods. Over 3,000 Dealers are now handling our manufactures.

THE CELEBRATED

STAR WOOD PUMP,

Over 3,000 Dealers handle this Pump throughout the United States.

KNOWN EVERYWHERE AS THE BEST!

SEND FOR CATALOGUE.

Special Prices on car lots and to Jobbers.

POWELL & DOUGLAS,

WAUKEGAN, ILL., U. S. A.

WISCONSIN CENTRAL LINE.

THE NEW ROUTE

FROM CHICAGO AND MILWAUKEE TO

Fond du Lac, Oshkosh, Neenah, Menasha, Waupaca, Stevens Point, Eau Claire, Chippewa Falls and Ashland, Lake Superior, with

PARLOR CARS

Through from Chicago via Milwaukee without change, on Day Trains.

NEW AND ELEGANT SLEEPERS

From Chicago to Stevens' Point on train leaving Chicago via C., M. & St. P. Ry. at 9 o'clock P. M. Also a Superb Sleeper from Milwaukee to Stevens Point, attached to the same train, leaving Milwaukee at midnight.

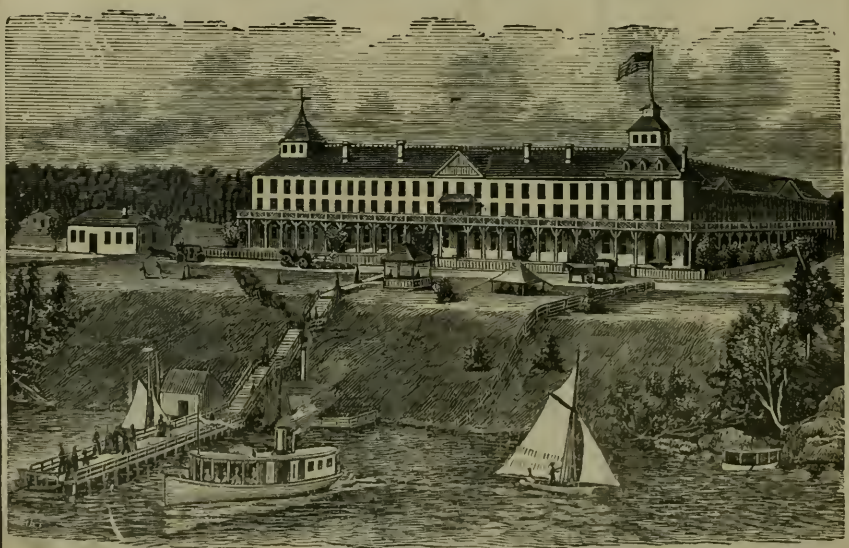
N. B.—This Sleeper will be ready for passengers at Reed St. Depot, Milwaukee, at 9 o'clock P. M.

The Sporting and Fishing on this line is not excelled by that of any other section of the United States. Send for the "Apostle Islands and Lake Superior" after reading which, you will know where to spend your summer vacation.

F. N. FINNEY,	*D. M. BOYNTON,*	*JAMES BARKER,*
Gen'l Manager,	Gen'l Agent,	Gen'l Passenger and Ticket Agt.,
Milwaukee, Wis.	55 Clark St., Chicago, Ill.	Milwaukee, Wis.

THE HOTEL CHEQUAMEGON,

ASHLAND, LAKE SUPERIOR, WIS.



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FOR TERMS AND OTHER INFORMATION, ADDRESS

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